

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (currently amended) A controlled foaming system adapted for use in detergent compositions comprising:

(a) a foaming component capable of providing foaming or sudsing without agitation wherein the foaming component comprises: (i) an effervescent granule comprising an acid source and carbonate and/or bicarbonate, said carbonate and/or bicarbonate having an amorphous structure wherein the foaming component produces, upon contact with water, gas bubbles having an average bubble particle size of about 400 microns or less; and (ii) at least one surface active components chosen from the group consisting of component comprising a polyhydroxy fatty acid amides amide, condensation products product of aliphatic alcohols alcohol with from about 1 to about 15 moles of alkylene oxide, ~~and mixtures~~ or a mixture thereof; and

(b) a delayed-release foam suppressing component, said foam suppressing component comprising a silicone foam suppressing agent which is releasably incorporated in a carrier, thereby delaying the release of said silicone foam suppressing agent, wherein said silicone foam suppressing agent has an average droplet diameter of from about 1 to about 50 microns and wherein said carrier is water-soluble or water dispersible, substantially non-surface active, detergent-impermeable, and non-hygroscopic, said foam suppressing component being in the form of irregularly shaped flakes having a minimum dimension of not less than about 0.05 cm and a maximum dimension at least about 20% greater than the minimum dimension, said flakes having a thickness of from 0.05 cm to 0.15 cm.

Claims 2-6 (cancelled)

Claim 7. (previously presented) The controlled foaming system of Claim 1, wherein the effervescent granule further comprises a binder selected from the group consisting of cellulose derivatives, carboxymethylcellulose and homo- and co-polymeric polycarboxylic acid and their salts, C6-C20 alkyl and alkylaryl sulphonates and sulphates, C10-C20 alcohol ethoxylates containing from about 5 to about 100 moles of ethylene oxide per mole of alcohol, polyvinylpyrrolidones with an average molecular weight of from about 12,000 to about 700,000, polyethylene glycols with an average weight of from 600 to 10,000, copolymers of maleic anhydride with ethylene, methylvinyl ether, methacrylic acid or acrylic acid, C10-C20 mono and diglycerol ethers, C10-C20 fatty acids and mixtures thereof.

Claim 8. (cancelled)

Claim 9. (previously presented) The controlled foaming system of Claim 1, wherein the foaming component further comprises a suds booster selected from the group consisting of amine oxide, polyethylene glycol, monoethanol amine, diethanol amine, fatty alcohol, sugar, protein, betaine, and mixtures thereof.

Claim 10. (previously presented) The controlled foaming system of Claim 1, wherein the foaming component has an average particle size of from about 75 microns to about 2 cm.

Claim 11. (original) A granular detergent composition comprising the controlled foaming system of Claim 1, further comprising a deterative component selected from the group consisting of surfactants, bleaches, alkali metal salt of silicate, builders, chelating agents, enzymes, fillers, soil suspending agents, optical brighteners, dispersants, soil release agents, photoactivated bleaches, dyes, dye transfer inhibitors, pigments, perfumes, clay softening system, cationic fabric softening agents, and mixtures thereof.

Claim 12. (cancelled)

Claim 13. (new) The controlled foaming system of Claim 1, wherein said gas bubbles having an average bubble particle size of about 200 microns or less.

Claim 14. (new) The controlled foaming system of Claim 13, wherein said gas bubbles having an average bubble particle size of about 100 microns or less.

Claim 15. (new) The controlled foaming system of Claim 1, wherein a molecular ratio of said acid source to carbonate and/or bicarbonate ranges from about 60:1 to about 1:60.

Claim 16. (new) The controlled foaming system of Claim 1, wherein a weight ratio of said surface active component to said effervescent granule ranges from about 20:1 to about 1:10.

Claim 17. (new) The controlled foaming system of Claim 1, wherein said silicone foam suppressing agent has an average droplet diameter of from about 5 to about 30 microns.

Claim 18. (new) The controlled foaming system of Claim 1, wherein said carrier comprises a mixture of from 0.2% to 15% of fatty acids containing from 10 to 30 carbon atoms and the balance polyethylene glycol.

Claim 19. (new) The controlled foaming system of Claim 18, wherein said fatty acid is an alkyl N-methyl glucamide.

Claim 20. (new) The controlled foaming system of Claim 1, wherein a weight ratio of said carrier to said silicone suds controlling agent is from 5:1 to 100:1.

Claim 21. (new) The controlled foaming system of Claim 1, wherein said deterative component comprises one or more anionic surfactant.

Claim 22. (new) The controlled foaming system of Claim 21, wherein said anionic surfactant comprises linear and branched primary and secondary alkyl sulfates, alkyl ethoxysulfates, fatty oleoyl glycerol sulfates, alkyl phenol ethylene oxide ether sulfates, the C5-C17 acyl-N-(C1-C4 alkyl) and -N-(C1-C4 hydroxyalkyl) glucamine sulfates, and sulfates of alkylpolysaccharides.

Claim 23. (new) The controlled foaming system of Claim 1, wherein said delayed-release foam suppressing component reduces said gas bubbles at least about 40% to about 70% after about 6 to 10 minutes.